REMARKS/ARGUMENTS

The telephonic interview with the examiner is acknowledged with thanks. Proposed amendments to claim 1 were discussed, as adopted herein. No agreement was reached.

In this Amendment, Applicant has amended claims 1-6 and 8-9 and cancelled claims 7 and 10-27 from further consideration in this application. Applicant is not conceding that the subject matter encompassed by the claims, prior to this Amendment, are not patentable over the art cited by the Examiner. Claims 1-6 and 8-9 were amended and claims 7 and 10-27 were cancelled in this Amendment to facilitate expeditious prosecution of allowable subject matter. Applicant respectfully reserves the right to pursue claims, including the subject matter encompassed by claims 1-27, as presented prior to this Amendment and additional claims in one or more continuing applications.

Claims 1-6 and 8-9 have been amended to claim identifying Fibre Channel I/O devices in an Infiniband subnetwork such that the Fibre Channel I/O devices are accessible from the Infiniband subnetwork without polling. Horie is directed to making devices in one network accessible to another network in a TCP/IP network environment, but would not work in a network having Fibre Channel I/O devices which need to be accessed from an Infiniband subnetwork. In particular, Horie does not show appending a unique suffix (such as the string '.FCP' explained in paragraph [0022]) to a service name including a worldwide-unique service name (as explained in paragraph [0025]) to identify to the Infiniband subnetwork a particular Fibre Channel I/O device as claimed in claim 1. Liao is directed to establishing communications between an Infiniband network and a Fibre Channel network, but is not useful in making Fibre Channel I/O devices accessible by an Infiniband subnetwork. It is submitted that claims 1-6 and 8-9, as amended, are allowable under 35 U.S.C. 102 over Horie and allowable under 35 U.S.C. 103(a) over Horie in view of Liao, which allowance is respectfully requested.

Claim 1 has been amended to claim "a method of identifying in an Infiniband subnetwork, Fibre Channel I/O devices in a network. . .". This is supported in paragraph [0008] of the specification which states: "This invention defines the means for efficiently storing and

retrieving information about FCP I/O devices on an IB Subnet Administration Data. The method by which information is stored enables a host to rapidly determine the IB addressing parameters by which FCP I/O devices are accessed through the IB-to-FC adapter." In paragraph [0001], IB is defined as Infiniband, and FCP I/O devices are defined as Input/Output devices that conform to the Small Computer System Interface mapping onto Fibre Channel.

Claim 1 has been amended to claim "during a configuration step, registering with a subnet manager, in a service record in a database in the Infiniband subnetwork, a worldwide-unique service name corresponding to a Fibre Channel I/O device;". This is supported in paragraph [0019] and [0020]. Paragraph [0019] states "all FCP I/O devices 107 are uniquely identified by a 64-bit 'worldwide-unique' port name." Paragraph [0020] states "Returning to Fig. 1, during a configuration step, each FCP I/O device 107a-107d is registered with the subnet administration (SA) database 103".

Claim 1 has further been amended to claim "appending a unique suffix to the service name identifying to the Infiniband subnetwork, the service name as the name of a particular Fibre Channel I/O device;". This is supported in paragraph [0022] which states "The first 24 bytes of the 512 bit (64-byte) Service Name 301 are set to the first 24 bytes of the SRP service name corresponding to the FCP I/O device. These bytes are followed by the string '.FCP' followed by a sequence of null characters to fill the remaining bytes in the ServiceName field."

Claim 1 has further been amended to claim "accessing from said Infiniband subnetwork, said Fibre Channel I/O device by looking up the registered service name and appended suffix in the database without polling." This is supported in paragraph [0024] which states "Provided the above configuration steps have been completed, the host 101 is now able to determine the IB address of the IB-to-FC adapter 105 providing access to an FCP I.O device with a given WWPN by performing the steps shown in Fig. 4." This is further supported at paragraph [0029] which states "note that the above process did not require the host to poll multiple IOUs in the subnet prior to accessing the I/O device . . .". "Additionally, the host does not need to poll all of the IOCs within an IOU in order to determine the IOC supporting the service name corresponding to the FCP I/O device."

New claim 28 has been added to claim in a dependent claim a unique suffix by claiming the language in paragraph [0022]: ""these bytes are followed by the string '.FCP' followed by a

sequence of null characters to fill the remaining bytes in the ServiceName field." It is submitted that claim 1 as amended, is fully disclosed in the specification.

It is respectfully submitted that the application is now in condition for allowance, which allowance is respectfully requested.

RESPECTFULLY SUBMITTED

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